

Title (en)

An industrial robot with a safeguard mechanism.

Title (de)

Industrieroboter mit Sicherheitsmechanismus.

Title (fr)

Robot industriel pourvu d'un mécanisme de sécurité.

Publication

**EP 0045513 A2 19820210 (EN)**

Application

**EP 81106080 A 19810804**

Priority

JP 10672980 A 19800805

Abstract (en)

An industrial robot with a safeguard mechanism for mechanically preventing occurrence of any uncontrolled movement of a movable part of the industrial robot, the safeguard mechanism having mechanical engagement means which provides a disengageable mechanical lock between the movable part of the industrial robot and the stationary part of the industrial robot or another stationary member different from the industrial robot.

IPC 1-7

**B25J 19/00**; **F16P 3/08**

IPC 8 full level

**B25J 3/00** (2006.01); **B25J 19/06** (2006.01); **F16P 3/08** (2006.01); **G05B 19/19** (2006.01)

CPC (source: EP KR US)

**B25J 3/00** (2013.01 - KR); **B25J 19/06** (2013.01 - EP US); **F16P 3/08** (2013.01 - EP US); **Y10T 29/49718** (2015.01 - EP US); **Y10T 74/2193** (2015.01 - EP US); **Y10T 403/32557** (2015.01 - EP US)

Cited by

US11512793B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0045513 A2 19820210**; **EP 0045513 A3 19820421**; **EP 0045513 B1 19850724**; DE 3171483 D1 19850829; JP S5733995 A 19820224; JP S5912436 B2 19840323; KR 830005977 A 19830914; KR 840001147 B1 19840811; US 4406576 A 19830927

DOCDB simple family (application)

**EP 81106080 A 19810804**; DE 3171483 T 19810804; JP 10672980 A 19800805; KR 810002848 A 19810805; US 28828381 A 19810730